Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037457.D
Acq On : 10 Jul 2025 14:29
Operator : RC/JU
Sample : Q2126-08
Misc : LOQ-WATER -0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

Quant Time: Jul 10 14:50:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1727	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4227	0.400	ng		-0.01
13) Acenaphthene-d10	14.366	164	2062	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3716	0.400	ng		#-0.01
29) Chrysene-d12	21.286	240	2697	0.400	ng		# 0.00
35) Perylene-d12	23.528	264	2570	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1226	0.264	ng		0.00
5) Phenol-d6	6.894	99	1520	0.266	ng		0.00
8) Nitrobenzene-d5	8.875	82	1006	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2253	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	179	0.212	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	3905	0.344	ng		0.00
27) Fluoranthene-d10	19.132	212	3598	0.377	ng		0.00
31) Terphenyl-d14	19.740	244	2101	0.370	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.154	93	440	0.096	ng		91
9) Naphthalene	10.562	128	1077	0.095	ng	#	88
10) Hexachlorobutadiene	10.861	225	257	0.111	ng	#	99
12) 2-Methylnaphthalene	12.182	142	602	0.082	ng		98
16) Acenaphthylene	14.078	152	960	0.099	ng		99
17) Acenaphthene	14.420	154	570	0.091	ng		96
18) Fluorene	15.414	166	720	0.092	ng		95
21) 4-Bromophenyl-phenylether	16.305	248	226	0.094	ng	#	82
22) Hexachlorobenzene	16.416	284	305	0.104	ng		92
23) Atrazine	16.565	200	98	0.076	ng	#	68
25) Phenanthrene	17.136	178	1060	0.095	ng		99
26) Anthracene	17.235	178	977	0.093	ng		98
28) Fluoranthene	19.160	202	1092	0.087	ng		99
30) Pyrene	19.522	202	1067	0.096	ng		99
32) Benzo(a)anthracene	21.268	228	855	0.089	ng	#	92
33) Chrysene	21.322	228	951	0.097	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.800	276	822	0.085	ng		95
37) Benzo(b)fluoranthene	22.853	252	819	0.087	ng	#	72
38) Benzo(k)fluoranthene	22.900	252	828	0.088	ng	#	70
39) Benzo(a)pyrene	23.429	252	713	0.092	ng	#	65
40) Dibenzo(a,h)anthracene	25.820	278	614	0.079	ng	#	68
41) Benzo(g,h,i)perylene	26.490	276	722	0.087	ng	#	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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